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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/877,941B

DATE: 05/07/2003

TIME: 13:54:59

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\05072003\I877941B.raw

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3 <110> APPLICANT: Gonzalgo, Mark L.  
 4 Jones, Peter A.  
 5 Liang, Gangning  
 7 <120> TITLE OF INVENTION: CANCER DIAGNOSTIC METHOD BASED UPON DNA METHYLATION  
 DIFFERENCES

9 <130> FILE REFERENCE: 47675-21  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/877,941B

12 &lt;141&gt; CURRENT FILING DATE: 2001-06-22

14 &lt;150&gt; PRIOR APPLICATION NUMBER: US 09/094,207

15 &lt;151&gt; PRIOR FILING DATE: 1998-06-09

17 &lt;160&gt; NUMBER OF SEQ ID NOS: 17

19 &lt;170&gt; SOFTWARE: PatentIn version 3.1

21 &lt;210&gt; SEQ ID NO: 1

22 &lt;211&gt; LENGTH: 530

23 &lt;212&gt; TYPE: DNA

24 &lt;213&gt; ORGANISM: homo sapiens

26 &lt;400&gt; SEQUENCE: 1

27	cccgcgacct	aagccagcga	cttaccacgt	tagtcagcta	agaagtggca	gagctgggat	60
29	tcgaacctat	aaagaactct	gaagcctggg	tattttttaca	tgacacttta	cataatgcgc	120
31	cacggggtag	tcggaggggg	aggtccatct	ccctttccct	tgctgtccat	ctccacagaa	180
33	aagaagcaag	tggaggacag	gagccagaaa	gtcatctggc	cgcggatcat	tccggagtga	240
35	ccccgcgcgc	caccactcgc	atagtccgct	tatggcggga	gggcacctca	gagattctca	300
37	caggggctgt	gcggccagaa	ccagaagtgc	aaagcaccgt	tagcgactct	atcgccccct	360
39	gccgcctgtg	gcgcccagtc	cgaagctgct	gttttcagga	gggctagtgg	gctaagaaaa	420
41	gagctcaccg	actgactgcc	caacagctgt	tgcgagccag	tgctaggctg	cagacagcct	480
43	tgccaaatgt	ggtgacataa	gcggggagggg	ggaacattta	gagagcccta		530

46 &lt;210&gt; SEQ ID NO: 2

47 &lt;211&gt; LENGTH: 308

48 &lt;212&gt; TYPE: DNA

49 &lt;213&gt; ORGANISM: homo sapiens

51 &lt;400&gt; SEQUENCE: 2

52	ctagggttagg	ctggtctgtg	ctggatacgc	gtgtttcttct	gcggagttaa	agggtcgggg	60
54	acgggggttc	tggacttacc	agagcaattc	cagccgggtgg	gcgtttgaca	gccacttaag	120
56	gaggtaggga	aagcgagctt	caccggggcg	gctacgatga	gtagcatgac	gggcagcagc	180
58	agcagcagcc	agcaaaagcc	tagcaaaagt	tccagctgct	gcaactgccgc	ggggactccc	240
60	acatcaccat	gactagtgtg	gcaactctgc	agcagaaaacg	gcttccgagg	aacacaggat	300
62	cgcggggg						308

65 &lt;210&gt; SEQ ID NO: 3

66 &lt;211&gt; LENGTH: 177

67 &lt;212&gt; TYPE: DNA

68 &lt;213&gt; ORGANISM: homo sapiens

70 &lt;400&gt; SEQUENCE: 3

71	gcttcctttt	tctcggcttt	cctcactatc	ctctccctgt	tcgagagtat	ctccaccagc	60
73	accgagcctc	acacgggctg	tgccctccatc	tttggaaatgc	ctacccttct	ttcttgcgaa	120

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75 gcccctccca gggccagccc ttgtgcaccg gctcaagggg actgctctcc tgcctcg
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 148
80 <212> TYPE: DNA
81 <213> ORGANISM: homo sapiens
83 <400> SEQUENCE: 4
84 ttgcgccgat cgtcaagaac ctctcatccc tggcagcagc aaagccaata tatttccatt    60
86 tcttatttca gtttgcacc aaaacaaagc tgcgcgcggc tgagggcagg aaggcgctga    120
88 gaccgaccga gaagaaggga cgtcccgg    148
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 384
93 <212> TYPE: DNA
94 <213> ORGANISM: homo sapiens
96 <400> SEQUENCE: 5
97 caggcccgcc gagactccac tccaactacc aggaaatttc ccgtggagct tcaattcctg    60
99 ggaccctcct actgcgggga gattggtttc cctgccccac accatgccct agggccgagt    120
101 ctgcggctct tgggggatct ctccgagctc cgacaccgtg ttcggaccgg gtgcgccctg    180
103 ccgctggggc tcaagcctgc aggcgtgaga accgggggac tctctatggc accaagagct    240
105 tcaccgtgag cgtaggcaga agcttcgctt tgatcctagg gcttacaaag tcctcctttg    300
107 gctgcccatt atggtaaaag ggcagttgct caciaagcgc gattgtgtgt gccagacagt    360
109 gtaaatgagt gttgggaccg gcgt    384
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 178
114 <212> TYPE: DNA
115 <213> ORGANISM: homo sapiens
117 <400> SEQUENCE: 6
118 gggctccgttc gtgaatgcat gaggcgggtg tgagcgccag ggggttacac ttctcacggg    60
120 ttaaaaccca gacaacttca cgagggaacc acgtgccatt ttaacagcgt acggtcggga    120
122 tcgtgggacg tcattaaacg gattgggttg agtatgtgac tctgtcacc attttctg    178
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 359
127 <212> TYPE: DNA
128 <213> ORGANISM: homo sapiens
130 <400> SEQUENCE: 7
131 ccccgcgggg cagaatccaa gtgagtcaga cacattgctc cctccctgct gctgccagtc    60
133 catctctttg ccaacaaacc tgcttaaaat gccaaagctg gtccaaagtt tcaggaaaac    120
135 aacttcgccc agagggcacg tagaggcac agatgctata gatgcttctc tgacaaacac    180
137 tcctgacccc cttgacagat tggaaaatac atgggtcaga aagggtgaga gatttcaact    240
139 tgagaagtga aactaggaaa agatggaagg tgtccggatt tctagctcaa gtccacacac    300
141 tgcttctgct gcggtgacta aatcgtaggt gtgttctcat cacctgctc gcggcgcg    359
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 251
146 <212> TYPE: DNA
147 <213> ORGANISM: homo sapiens
149 <400> SEQUENCE: 8
150 ggcgggcctg ggcaccgcgg agggggggct tttctgcgcc cggcgaagcg tggaacttgc    60
152 gccctgaggg agcgcggcga gaccagtcca gagaccggg cgagcctcct caggattcct    120
154 cgccccagtg cagatgctgt gagcttagac gaggacagg catggcactc ggcttgccc    180
156 gtagtggacg gtgtttttgc agtcatgaac ccaaagccg caaacctga ccgtttccc    240

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158 acccgtgttg t
161 <210> SEQ ID NO: 9
162 <211> LENGTH: 145
163 <212> TYPE: DNA
164 <213> ORGANISM: homo sapiens
166 <220> FEATURE:
167 <221> NAME/KEY: misc_feature
168 <222> LOCATION: (126)..(126)
169 <223> OTHER INFORMATION: a, g, c or t sequence variation may exist at this position
172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (127)..(127)
175 <223> OTHER INFORMATION: a, g, c or t sequence variation may exist at this position
178 <400> SEQUENCE: 9
179 tgagagcagc atcctcccct gcgtgtggtt ctctaactta cctcctgtat ggggtctgcg      60
181 gaccagcac acctcccg ccccaaaaa attccagctc aagagcccta aaaatcctta      120
W--> 183 ccctgnnaaa gtttgagctt ctccc      145
186 <210> SEQ ID NO: 10
187 <211> LENGTH: 215
188 <212> TYPE: DNA
189 <213> ORGANISM: homo sapiens
191 <400> SEQUENCE: 10
192 acgccggcca cagttcttca gtgaaacgct tcactctctg gtcatagagg taggaaacta      60
194 tagctgtccc aactaaatgt caggacgaat tagccagctc ggtcacgctc acagtcacgg      120
196 cctccaccag actgagcgac cctcccaacg ggtttgccc tgttgaggagg acagcggagt      180
198 ttggttgctg tgtcaatttg tgtagacgcg gctgc      215
201 <210> SEQ ID NO: 11
202 <211> LENGTH: 220
203 <212> TYPE: DNA
204 <213> ORGANISM: homo sapiens
206 <400> SEQUENCE: 11
207 ctgctctctt ctcttctttt cccctttcct ctctctccc tttcctcagg tcacagcgga      60
209 gtgaatcagc tcggtggtgt ctttgtcaac gggcgggcac tgccggactc caccggcgag      120
211 aagattgtag agctagctca cagcggggcc cgccgtgctg acatttcccg aattctgcag      180
213 gtgatectcc cggcgccgccc ccactcgccg cccccgccc      220
216 <210> SEQ ID NO: 12
217 <211> LENGTH: 196
218 <212> TYPE: DNA
219 <213> ORGANISM: homo sapiens
221 <400> SEQUENCE: 12
222 gggcggcacg gagggagtca ggagtgagcc cgaagatgga gagaagtcga ttcgcccaga      60
224 gaacgcaaga cgggtgatca gagatgagtc ccaggaacct cagagagcga ggctgacagg      120
226 cccggggaga ggaccgggca gggacaaacc agcggacaga gcagagcgcg aaatggttga      180
228 gaccgggaag cgacct      196
231 <210> SEQ ID NO: 13
232 <211> LENGTH: 22
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:

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237 <223> OTHER INFORMATION: p16 promoter region-specific Ms-SNuPE primer  
239 <400> SEQUENCE: 13  
240 gtaggtgggg aggagtttag tt 22  
243 <210> SEQ ID NO: 14  
244 <211> LENGTH: 23  
245 <212> TYPE: DNA  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: p16 promoter region-specific Ms-SNuPE primer  
251 <400> SEQUENCE: 14 23  
252 tctaataacc aaccaacccc tcc  
255 <210> SEQ ID NO: 15  
256 <211> LENGTH: 21  
257 <212> TYPE: DNA  
258 <213> ORGANISM: Artificial Sequence  
260 <220> FEATURE:  
261 <223> OTHER INFORMATION: p16 promoter region-specific Ms-SNuPE primer  
263 <400> SEQUENCE: 15 21  
264 tttttttgtt tggaaagata t  
267 <210> SEQ ID NO: 16  
268 <211> LENGTH: 18  
269 <212> TYPE: DNA  
270 <213> ORGANISM: Artificial Sequence  
272 <220> FEATURE:  
273 <223> OTHER INFORMATION: p16 promoter region-specific Ms-SNuPE primer  
275 <400> SEQUENCE: 16 18  
276 ttttaggggt gttatatt  
279 <210> SEQ ID NO: 17  
280 <211> LENGTH: 15  
281 <212> TYPE: DNA  
282 <213> ORGANISM: Artificial Sequence  
284 <220> FEATURE:  
285 <223> OTHER INFORMATION: p16 promoter region-specific Ms-SNuPE primer  
287 <400> SEQUENCE: 17 15  
288 tttgagggat agggt

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/877,941B

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 126,127

VERIFICATION SUMMARY

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Input Set : A:\SEQUENCE LISTING.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:120

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